

Converting Colors

YUV(106.2200, -17.3635,
-30.8879)

Have a look what the booklet for
YUV(106.2200, -17.3635, -30.8879)
contains.

YUV(106.2200, -17.3635, -30.8879)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(106.2200, -17.3635,
-30.8879)**

Conversions

Conversions Part 1

Format	Color
Hex	478347
RGB	71, 131, 71
RGB Percent	28%, 51%, 28%
CMY	0.7216, 0.4863, 0.7216
CMYK	0.46, 0.00, 0.46, 0.49
HSL	120°, 30%, 40%
HSV	120°, 46%, 51%
XYZ	11.8522, 18.0271, 8.8161
YIQ	106.2200, -16.5000, -31.3800

Conversions

Conversions Part 2

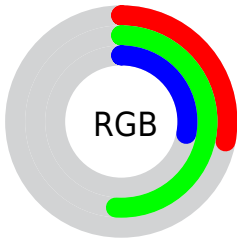
Format	Color
R_{YB}	71, 131, 131
Decimal	4686663
CIE _{Lab}	49.53, -32.65, 26.46
CIE _{LCh}	50, 42.027, 140.985
Yxy	18.0271, 0.3063, 0.4659
Android (android.graphics.Color)	4282876743 (0xFF478347)
YUV	106.2200, -17.3635, -30.8879
Hunter-Lab	42.4584, -24.4742, 17.4098

Details

The YUV color **106.2200, -17.3635, -30.8879** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **95.7800, 17.3635, 30.8879**, and the grayscale version is **106.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.0520, -19.2526, -31.6176**, and **55.1810, -14.8792, -34.3617** is the 20% darker color. If you saturate the color by 10%, you get **100.8510, -21.1255, -37.5803**, and if you desaturate by 10%, it is **111.5890, -13.6014, -24.1956**.

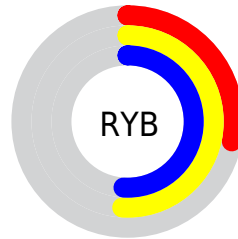
Distribution



Red (28%)

Green (51%)

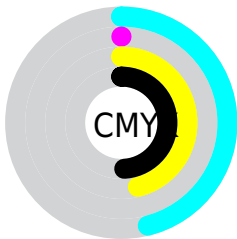
Blue (28%)



Red (28%)

Yellow (51%)

Blue (51%)

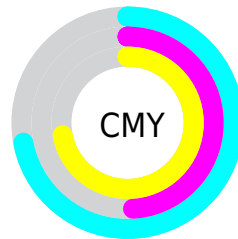


Cyan (46%)

Magenta (0%)

Yellow (46%)

Black (49%)



Cyan (72%)

Magenta (49%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 106.2200, -17.3635, -30.8879 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 106.2200, -17.3635, -30.8879 by changing the saturation by 10% instead.

■ 106.2200,
-17.3635, -30.8879

■ 106.2200,
-17.3635, -30.8879

■ 255.0000, 0.0000,
0.0000

■ 80.5620, -16.0531,
-31.1879

■ 159.0520,
-19.2526, -31.6176

■ 55.1810, -14.8792,
-34.3617

■ 185.9380,
-19.6894, -31.5176

■ 33.5730, -16.0585,
-29.4435

■ 214.1120,
-20.2682, -32.5472

■ 21.1320, -10.4181,
-18.5328

■ 234.1930,
-16.3641, -24.7253

■ 0.0000, 0.0000,
0.0000

■ 245.7570, -8.2612,
-10.3109

■ 106.2200,
-17.3635, -30.8879

■ 106.2200,
-17.3635, -30.8879

■ 100.8510,
-21.1255, -37.5803

■ 111.5890,
-13.6014, -24.1956

■ 95.4820, -24.8876,
-44.2727

■ 116.9580, -9.8393,
-17.5032

■ 90.1130, -28.6497,
-50.9651

■ 122.3270, -6.0772,
-10.8108

■ 84.7440, -32.4118,
-57.6575

■ 127.6960, -2.3151,
-4.1184

■ 79.3750, -36.1739,
-64.3499

■ 133.4780, 1.7363,
3.0888

■ 76.8970, -37.9102,
-67.4387

■ 138.8470, 5.4984,
9.7812

■ 144.2160, 9.2605,
16.4736

■ 149.5850, 13.0226,

23.1660

■ 154.9540, 16.7847,
29.8583

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



111.7590, -31.4332, 1.9654



106.2200, -17.3635, -30.8879



91.2150, 6.7960, -79.9956

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



106.2200, -17.3635, -30.8879



94.8070, 45.9441, -83.1457



117.3880, -11.5303, 58.4187

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



106.2200, -17.3635, -30.8879



95.7800, 17.3635, 30.8879

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



119.6980, 5.0789, 51.1309



106.2200, -17.3635, -30.8879



117.8050, 32.6341, -13.8610

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



106.2200, -17.3635, -30.8879



97.0920, 36.9296, -85.1497



121.2570, 20.5793, 26.0846



116.7230, -26.4854, 48.4779

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



106.2200, -17.3635, -30.8879



94.6520, 17.4266, -83.0098



121.2570, 20.5793, 26.0846



118.1690, -5.9993, 57.7338

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



106.2200, -17.3635, -30.8879



161.0880, -6.9454, -12.3552



124.1600, -26.2079, 5.9987



80.8050, -4.3409, -7.7220



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



106.2200, -17.3635, -30.8879



132.1780, -27.2028, -48.3911



109.6400, -4.2595, -33.8873



63.5220, -1.7363, -3.0888



76.3100, -37.6208, -66.9239



1.7610, -0.8682, -1.5444

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



95.7800, 17.3635, 30.8879



115.8220, 27.2028, 48.3911



92.3600, 4.2595, 33.8873



62.4780, 1.7363, 3.0888



53.6900, 37.6208, 66.9239



1.2390, 0.8682, 1.5444

Previews

White Background



This preview shows how the YUV color 106.2200, -17.3635, -30.8879 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 106.2200, -17.3635, -30.8879 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

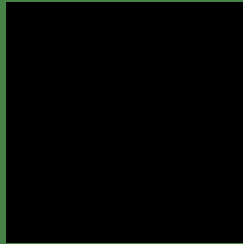
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 106.2200, -17.3635, -30.8879 Background



This preview shows how black text looks on a background with the YUV color 106.2200, -17.3635, -30.8879.



This preview shows how white text looks on a background with the YUV color 106.2200, -17.3635, -30.8879.

-30.8879.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

106.2200, -17.3635, -30.8879

Protanopia

114.7740, -24.0456, 12.4762

Deuteranopia

116.5670, -19.9995, 21.4277



Tritanopia

113.1800, 10.2643, -25.5909

Trichromacy



Original Color

106.2200, -17.3635, -30.8879

Protanomaly

111.6580, -21.5234, -3.2081

Deuteranomaly

112.9730, -19.2137, 2.6547

Tritanomaly

110.8240, 0.0868, -27.9096

Monochromacy



Original Color

106.2200, -17.3635, -30.8879

Achromatopsia

106.0000, 0.0000, 0.0000

Achromatomaly

105.9140, -6.3666, -11.3256

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.2200, -17.3635, -30.8879 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(71, 131, 71)` looks like.

```
.text, #text, p{  
    color:rgb(71, 131, 71)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(71, 131, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 131, 71) }
```

Border

The CSS property to change the border of an element to YUV 106.2200, -17.3635, -30.8879 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(71, 131, 71) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(71, 131, 71) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(71, 131, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 131, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 131, 71);  
box-shadow:4px 4px 4px 4px rgb(71, 131,  
71) }
```

Background

The CSS property to change the background color of an element to YUV 106.2200, -17.3635, -30.8879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 131, 71) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(71, 131,  
71) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor